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**Removal Project in Lower Passaic River near Riverside County Park-North in Lyndhurst  
Project Update – November 2013**

**Introduction**

The Lower Passaic River Study Area Cooperating Parties Group (CPG) is a group of companies working on the investigation and removal of contaminated sediment and capping in an area of the Lower Passaic River known as River Mile (RM) 10.9 in Lyndhurst. This work is occurring under the oversight of the U.S. Environmental Protection Agency (EPA).

We will provide frequent project updates to community stakeholders on activities related to the RM 10.9 project. If you have any questions related to the project, please feel free to contact us.

**Dredging Completed**

Dredging was completed on October 3<sup>rd</sup>. Dredging activities removed 16,050 cubic yards of sediment and debris from the River bottom. The material was transported to the Clean Earth Dredging Technologies – Koppers facility in Kearny for stabilization.

**Stabilization Process**

Free, standing water was pumped from the barges then run through a fractionating tank which allowed solids to settle out. The clarified water was then filtered, loaded onto a 5,000 gallon tanker truck and transported to the Clean Harbors Environmental Services facility in Baltimore, where it was treated and disposed according to industrial wastewater standards and a City permit. Throughout the course of dredging, 961,000 gallons of water were transported to the Clean Harbors facility for treatment.

Sediment was then mixed with Portland Cement, which was added as a drying agent. The resulting stabilized material, which has a top soil like consistency, was then loaded into intermodal containers, trucked to a rail yard in the City of Newark and shipped by train to the Clean Harbors Lone Mountain Landfill in Waynoka, Oklahoma.

As of November 2<sup>nd</sup>, 21,424 tons of stabilized sediment and debris were delivered to the landfill site. The remaining materials (an additional 2,000 tons is expected) should arrive at the landfill in early November.

## **Capping Operations**

On November 5th, the CPG mobilized equipment to River Mile 10.9 to begin capping operations. Equipment included a flat deck barge, belt conveyors and related capping equipment. Over the next two months, barges carrying capping material will be moved up and down the river on a daily basis. Capping operations are expected to be completed at the site in January 2014.

When completed, the cap will be approximately two feet thick and consist of erosion-resistant armor stone, a permeable fabric (known commonly as geotextile), sand and a layer of activated carbon. The cap will ensure that deeper contaminated sediment at RM 10.9 remains isolated.

Progress of capping operations will be reported on the [www.rm109.com](http://www.rm109.com) website.

## **For More Information**

If you have any questions or would like any additional information on the project, please contact:

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Or visit one of the following websites:

[www.ourpassaic.org](http://www.ourpassaic.org)  
[www.rm109.com](http://www.rm109.com)